

Claims

1. An interior member for a cab of a work vehicle, characterized in that a sound absorbing material is contained between an outer layer material and a foundation body panel.
2. An interior member for a cab of a work vehicle, characterized in that a sound absorbing member is contained inside a foundation body panel.
3. The interior member for the cab of the work vehicle according to Claim 1 or 2, wherein said foundation body panel comprises a structure where ribs cross each other on a rear surface side.
4. The interior member for the cab of the work vehicle according to Claim 1 or 2, wherein a portion for attaching an electrical wire member channel is integrally formed with said foundation body panel.
5. The interior member for the cab of the work vehicle according to Claim 1 or 2, wherein a metal plate is placed on an end surface of a side of said foundation body panel.
6. The interior member for the cab of the work vehicle according to Claim 1 or 2, wherein a material having heat insulating properties is used for said foundation body panel and an air conditioning duct is integrally formed of said material inside the foundation body panel.
7. The interior member for the cab of the work vehicle according to Claim 1 or 2, wherein said foundation body panel is connected to a body of the cab by a fastener.
8. The interior member for the cab of the work vehicle according to

Claim 1 or 2, wherein said foundation body panel is a member made of a polyurethane resin that is not foamed or that is enlarged through foaming to a volume that is up to three times as large as an original size.

9. The interior member for the cab of the work vehicle according to Claim 1 or 2, wherein said sound absorbing material is made of semi-hard polyurethane or polyurethane having low resilience which is integrally formed with another member or is a member that is formed through injection after assembly and has continuous foam.

10. The interior member for the cab of the work vehicle according to Claim 1, wherein a thickness of said sound absorbing material is 5 mm to 20 mm.

11. The interior member for the cab of the work vehicle according to Claim 2, wherein said sound absorbing material is a member that is formed through charging at a time of assembly, and is made of one or more materials from among polyurethane foam, glass wool, PET wool and wool made of recycled plastic materials.

12. An interior member for a cab of a work vehicle, characterized in that a foaming resin member is contained between an outer surface member and a foundation body panel made of a polyurethane resin.

13. A wall member for the cab of the work vehicle, which comprises the interior member according to Claim 1 or 2, characterized in that the sound absorbing member is charged between a metal plate that is placed on an end surface of a side of the foundation body panel of the interior member and an outer plate having sound blocking properties.

14. A wall member for the cab of the work vehicle, which comprises the interior member according to Claim 1 or 2, characterized in that an outer plate portion inside of which the interior member is placed is formed of a polyurethane resin layer having an outer layer outside of a metal plate.

15. A method for forming an interior member for a cab of a work vehicle, characterized by comprising:

(a) the step of forming a polyurethane resin that is a foundation body panel into a predetermined shape by a reaction injection molding method using a first mold for reaction injection molding;

(b) the step of forming an outer layer material into a predetermined shape by a thermoforming process;

(c) the step of installing the outer layer material that has been formed by said thermoforming process within a second mold for reaction injection molding with a gap that corresponds to a thickness of a sound absorbing material vis-à-vis a surface of the panel material fabricated in said step (a), and injecting a sound absorbing material into said gap so that the sound absorbing material reacts, foams and is cured, and thus, integrating a three layers of the outer layer material, the sound absorbing material and the foundation body panel; and

(d) the step of taking out a product by opening said second mold for reaction injection molding.

16. A method for forming an interior member for a cab of a work vehicle, characterized in that a main structure of the interior member and a body of the cab are connected by a fastener, and after that, a sound absorbing

foaming material in liquid form is injected from an outer layer material side into a cavity that is formed between a foundation body panel and the body of the cab, and this sound absorbing foaming material reacts and is cured so as to form a sound absorbing foaming layer.